



BT25 LAB TO LIGHT PRODUCTION RATES UP TO 100 LB/HR

BT25

- 1-4 strands of Olefin Materials
- Spring Activated UFR
- Safety Interlock
- Tool Less Entry
- Easy Clean Out
- Proven Design

Options

- Support Stand
- Intergraded Air Knife
- Water Bath and Recirculation System
- Carbide Tipped Rotors
- Uni-Base (common base for pelletizer & water bath)
- Pharmaceutical Grade
- High Speed (up to 156 ft/min)
- AC Variable Frequency Drive



- Optimum Strand Control, Due to Offset UFR
- Dual Drive Standard, pellet length control on the fly
- Quick/Easy Maintenance



BP50 LAB TO LIGHT PRODUCTION RATES UP TO 360 LB/HR

BP50

- 1-8 Strands
- Push/Pull Rotor Gap Control
- Removable Feed Table
- Easy Clean
- Tool Less Entry
- UFR Moves Parallel to the LFR
- Large Pneumatic Cylinder for Improve Pulling Force

Options

- Dual Drive
- Wear Package
- Extra Horse Power
- 2-64 Tooth Rotors
- Custom Discharge Heights
- Water Baths and Air Knife



SB SERIES LAB TO LIGHT PRODUCTION RATES UP TO 800 LB/HR

SB50 & SB100

- 1-15 Strands
- Push/Pull Rotor Gap Control
- Removable Feed Table
- Removable Discharge Chute
- Easy Clean
- Tool Less Entry
- UFR Moves Parallel to the LFR
- Large Pneumatic Cylinder Improve Pulling Force

Options

- Dual Drive
- Wear Package
- Extra Horse Power
- 2-100 Tooth Rotors
- Custom Discharge Heights
- Water Baths and Air Knife



Z SERIES LIGHT TO MEDIUM PRODUCTION

RATES UP TO 3,000 LB/HR

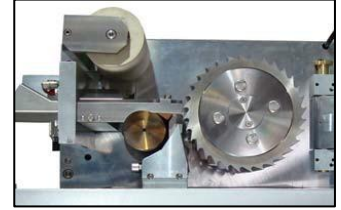


Z4" & Z8"

- 1-40 Strands
- Push/Pull Rotor Gap Control
- Removable Feed Table
- Removeable Discharge Chute
- Easy Clean
- Tool Less Entry
- UFR Moves Parallel to the LFR
- Bed Knife Holder Supported by Iso
- Large Pneumatic Cylinder Improve Pulling Force

Options

- Dual Drive
- Wear Package
- Extra Horse Power
- 32, or 46 Tooth Rotors
- Custom Discharge Heights
- Work Platforms
- Water Baths and Air Knives



AXP SERIES MEDIUM PRODUCTION

RATES UP TO 6,500 LB/HR

AXP

- 1-80 Strands
- 50% Less Floor Space
- Serpentine Belt Drive
- UFR Driven from LFR
- Push/Pull Gap Control
- Rotor Bearings Ball Bearings
- Large Pneumatic Cylinders
- Easy Clean Cutting Chamber
- Removable Discharge Chute
- Tool Less Entry

Options

- Dual Drive
- Wear Package
- 32 Tooth Wedge Lock Rotors
- 16, 24, 48 or 60 Tooth Rotors
- Extra Horse Power
- Custom Heights
- Work Platforms
- UFR Drive
- Water Baths and Air Knives



CXP & BX SERIES HEAVY PRODUCTION

RATES UP TO 20,000 LB/HR

CXP Series

- Available Sizes 24, 32, 40" (600, 800 & 1000mm)
- 1,000 to 20,000 lb/hr (9,000kg)
- 1-250 Strands
- Push/Pull Rotor Gap Adj.
- Rotor Isolation Coupler
- Top Mounted Air Cylinders
- Tool Less Entry

BX Series

- 1-130 Strands
- Control Eccentric
- Large Pneumatic Cylinders Mounted on Cutting Chamber Cover
- Tool Less Entry



WET CUT WATER SLIDES

RATES UP TO 20,000 LB/HR

- Self-Stranding Systems
- Fully Automated Systems
- Small Lot/Low Cost Version Available
- Turn Key Systems
- Improved Flow Sluice Box
- Extremely High Throughputs
- Designed for Specific Applications/Materials
- Complete Systems from Die to Dryer



DRY CUT WATER SLIDES

RATES UP TO 15,000 LB/HR



- 1-130 Strands
- Strands are Carried Down the Slide to the Belt; Water is Dropped off at the Belt
- Heat in Material Flashes Water Off the Strands
- Excess Water is Removed by Vacuum through the Belt and Positive Pressure above the Belt
- Designed for Specific Applications/Materials
- No Need for Post Cut Cooling
- Various Cooling and Flash Off Length Available



SPECIALTY PRODUCTS

LONG FIBER AND MICRO PELLETS



- | <u>Long Fiber Pellets</u> | <u>Micro Pellets</u> |
|--|-----------------------------------|
| • Line Speeds up to 300 ft/min | • Pellets from 0.04" to 0.02" |
| • Cutting Gap of 0.00025" | • Independent Drive for Feed Roll |
| • Cut Length to 2" | • Maintaining Strand Orientation |
| • Reinforced Bed Knife | • Precise Gap Control |
| • Rotor Isolation Coupler | • Proprietary Rotor Design |
| • Available in Lab or Large Production | (US Patent 7,393,201 B2) |



WATER BATHS

WBX Water Baths

- Sizes from
 - ✓ 6" wide x 6" deep x 6' long to
 - ✓ 30" wide x 12" deep x 30' long
- Vertical Adjustments
- Adjustable Over Flow Weir
- Adjustable Spreader Bars
- Heavy Duty Stainless Steel Tank
- Painted Support Base
- Optional Water Recirculation Systems Available from
 - ✓ 3,000 BTU/hr to
 - ✓ 1,000,000 BTU/hr



AK AIR KNIVES

Pressure Air Knife

- Available in 6", 12" & 18"
- Horsepower Varies from 2 to 5
- Air Flow from 335-800 CFM
- Rust Free Material Contact Points
- Air Nozzle is Open Ended to Assist Start UP
- Coarse Air Filter
- Adjustable Height
- Strand Guides Can be Adjusted as Needed to Control Strands
- Self Contained Electrics, Including Motor Starter

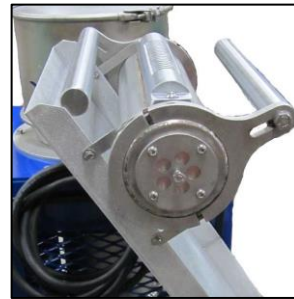




EVAK VACUUM AIR KNIVES

EVAK Series Vacuum Air Knives

- Available in 12" & 18"
- Horsepower Varies from 4.6 to 8.44
- Air Flow from 240-420 CFM
- Rust Free Material Contact Points
- Unit is Portable
- Optional Remote Mounted Vacuum Head Available
- Self-Contained Electrics, Including Motor Starter



VACUUM DEWATERING UNITS

VAK Series Vacuum Air Knives

- Available in 12", 16", 24", and 32"
- Horsepower varies from 7.5 to 25
- Air Flow from 1,260 to 3,880 CFM
- Vacuum Pressure from 16"-18" H2O
- Uses a Combination of Vacuum and Positive Pressure to Remove Water from Strands
- Water is Separated from Air and Contained
- Wear Package Available
- Tilting Option Available
- Water Pump Available to Pump Water Back into System
- Rust Free Design



SPARE PARTS, SERVICE, REBUILD AND SUPPORT



Spare Parts

- Rotors
 - ✓ Stellite
 - ✓ Wedge Lock - carbide
 - ✓ Bolt On - carbide
- Bearings for Rotors and Feed Rolls
- Bed Knives and Doctor Blades
- Parts Available for
 - ✓ BPM Machines
 - ✓ Conair
 - ✓ Scheer
 - ✓ Reduction Engineering
 - ✓ Automatik
- New Rotors for all Types and Manufacturers

Rebuild and Support

- Available from our Bay City Michigan Facility
- Experienced Service Engineers and Start Up Support (30 years)
- Complete Rebuild of
 - ✓ BPM Machines
 - ✓ Conair
 - ✓ Scheer
 - ✓ Reduction Engineering
 - ✓ Cumberland
- Repair of Stellite Rotors
- Re-sharpening of all Types and Manufacturers of Rotors



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